

Volume Determination for Heinrude Decks

Volume Determination for Decks will be made using basic cubic measurements:

Height x Width x Length

This will then be reduced for airspace using the factor noted.

No estimate of volume by species was made.

All log deck volume will be considered nonsaw.

Log decks were measured by Eric Jupin (advanced cruiser) and Darin Nichols (advanced cruiser)

Twenty-two log decks were measured, logs were cut to 36', some logs have topwood still attached and not factored into volume determination. Most log decks have evidence of butt rot. A 10% defect factor has been reduced from observed volume. Adjustments were made to estimate the midpoint height and width of decks in order to not overestimate due to the face of decks being the large end of all log pieces.

*1: 0.664 Airspace Factor: "In addition, the value for converting Net m3 (stacked) to m3 roundwood for the final volume shall be 0.557 for deciduous and 0.664 for coniferous." Factor taken from Alberta Scaling Manual for converting coniferous stacked logs to cubic wood volume.

Volume Summary for ALL DECKS

Total Gross: 46,989 cf

Airspace adjustment: $46,989 \times 0.664 = 30,073$ cf

$30,073$ cf = 300 CCF

Contract

Due to the small size of the sale, and to ensure proper road maintenance is performed, a 2400-4 contract will be used.

Road Maintenance

A \$1.00/CCF collection will be made for the advertised volume estimate to provide for any needed surface blading.

Brush Disposal Plan

There are no BD Collections due to the low value of the timber. The purchaser will pile all slash for later burning by the Forest Service, in accordance with provision WO-19# Purchaser Slash Disposal in the timber sale contract. Slash requirements will be monitored by the timber sale administrator.